

In the Claims: Please cancel the original Claims 1-10 as present in the PCT application and add the following Claims 11-20:

11. A product based on calcium oxide in the form of coarse grains, comprising a protective film coating the grains, based on at least one film-forming compound, which is solid at room temperature and which, during application to the grains, is in solution or emulsion in a vaporisable aqueous phase.

12. A product according to Claim 11, wherein the said aqueous phase is water and the product also comprises, on the surface of the grains, a thin layer of hydrated lime which is coated with the said hardened protective film.

13. A product according to Claim 11, wherein the film-forming compound, solid at room temperature, is chosen from the group consisting of vinyl homopolymers or copolymers, acrylic homopolymers or copolymers, paraffins, homopolymers or copolymers of butadiene, isoprene and styrene, silicones and mixtures thereof.

14. A product according to Claim 11, which is formed on the basis of at least one substance complying with the formula $x\text{CaO} \cdot (1-x)\text{MgO}$, where x is equal to or less than 1 but greater than 0.

15. A product according to Claim 11, in the form of grains with a size of at least 10 mm.

16. A product according to Claim 11, wherein the protective film has a thickness of less than 100 μm .

17. A method of treating a product based on calcium oxide in the form of coarse grains, comprising

- application, on the surface of the said grains, of a solution or emulsion in an aqueous phase of at least one film-forming compound, solid at room temperature,
